



United States  
Department of  
Agriculture

Forest  
Service

#47  
Northeastern Area  
State and Private Forestry

180 Canfield Street  
Morgantown, WV 26505-3101

File Code: 3400  
Date: July 8, 2009

Ms. Lacey Evans  
U.S. Army Corps of Engineers  
ATTN: CENAB-OP-FC  
P.O. Box 1715  
Baltimore, MD 21203

Dear Ms. Evans:

On June 15, 18, 23 and 24, I conducted aerial detection surveys for gypsy moth-caused tree defoliation at eleven U.S. Army Corps of Engineers projects located within the Baltimore District. I am pleased to report that no defoliation was detected at, or in the immediate vicinity of Aylesworth Creek, Curwensville Lake, Indian Rock Dam, Jennings Randolph Lake, Alvin R. Bush Dam, Tioga-Hammond Lakes and Raystown Lake.

Approximately 45.7 acres of light defoliation (30 -50 %) were detected in the vicinity of Cowanesque Lake (Figure 1). Generally speaking, defoliation less than 30 percent can not be detected through an aerial survey and has little impact on a tree. The defoliation near Cowanesque Lake was likely caused by forest tent caterpillar, *Malacosoma disstria*.

Approximately 6.7 acres of light defoliation was detected in the vicinity of Stillwater Lake (Figure 2). It is likely that forest tent caterpillar also caused this defoliation.

Although no defoliation was detected at, or in the immediate vicinity of, Foster Joseph Sayers Dam, some areas of light gypsy moth defoliation were detected 2-3 miles north of the dam.

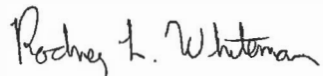
It is difficult to quantify the impacts of this year's gypsy moth suppression project at Raystown Lake and Foster Joseph Sayers Dam since gypsy moth populations have collapsed throughout most of the region primarily due to the fungal pathogen, *Entomophaga maimaiga*. This pathogen is usually prevalent during wet and cool Springs like the one that we just experienced. The impacts of *Entomophaga maimaiga* have been highly variable from year to year and are difficult to predict.

If you anticipate requesting either financial or technical assistance for gypsy moth control in 2010, please contact Brad Onken (304) 285-1546 or me (304) 285-1555 before August 21, 2009.



Please contact me at the above number if you have any questions regarding this aerial survey letter.

Sincerely,



RODNEY L. WHITEMAN

Forester

Forest Health Protection

Enclosure

Cc: Jan Gonzales, Jennings Randolph Lake  
Dwight Beal, Raystown Lake  
Marilyn Jones, Tioga-Hammond and Cowanesque Lakes  
George Bicen, all other projects  
Kevin Carlin, PA BOF  
Butch Sayers, WVDA  
Robert Lueckel, MFO

RLW/blm



Figure 1. - Results of the aerial detection survey conducted at Cowanesque Lake on June 22, 2009.

